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**SYMYX TECHNOLOGIES, INC.
3100 CENTRAL EXPRESSWAY
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PHONE: 408-773-4027
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Date:	December 22, 2004	From:	Paul A. Stone Reg. No. 38,628
To:	Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450	Fax No:	(703) 872-9306
		Docket No.	2000-046CON2

Number of pages included in this fax: 16

In re Application of:	Willson, III	Confirmation No.	5096
Serial No.:	10/029,891	Group Art Unit:	1743
Filed:	12/21/01	Examiner:	Soderquist, A.
For:	Process For Testing Catalysts Using Thermography		

Dear Sir:

**Enclosed please find copies of the following documents to be filed
regarding the above identified patent application:**

- **Transmittal (3 pages in duplicate)**
- **Amendment E (9 pages)**

Please enter these into the file and contact us if necessary.

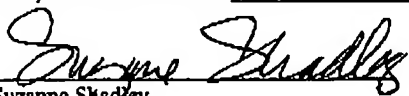
**Respectfully Submitted,
Paul A. Stone
Reg. No. 38,628**

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PATENT**CERTIFICATE OF TRANSMISSION BY FACSIMILE**

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BY:


Suzanne Shadley**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	Willson	Confirmation No.:	5096
Serial No.:	10/029,891	Group Art Unit:	1743
Filed:	12/21/01	Examiner:	Soderquist, A.
For:	Process For Testing Catalysts Using Thermography		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- | | |
|--|---|
| <input type="checkbox"/> Preliminary Amendment | <input type="checkbox"/> Information Disclosure Statement |
| <input checked="" type="checkbox"/> Reply/Amendment E | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2) |
| <input type="checkbox"/> Response/Amendment After Final | <input type="checkbox"/> Formal Drawings |
| <input type="checkbox"/> Supplemental Amendment | <input type="checkbox"/> Declaration Under 37 CFR 1.131 |
| <input type="checkbox"/> Affidavits/Declarations | <input type="checkbox"/> Declaration Under 37 CFR 1.132 |
| <input type="checkbox"/> Declaration and Power of Attorney | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> Supplemental Declaration | <input type="checkbox"/> Small Entity Statement |
| <input type="checkbox"/> Power of Attorney | <input type="checkbox"/> Request for Refund |
| <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Appeal |
| <input type="checkbox"/> Associate Power of Attorney | <input type="checkbox"/> Issue Fee Transmittal |
| <input type="checkbox"/> Response to Missing Parts | <input type="checkbox"/> Status Letter |

to be filed in the above-identified patent application.

Docket No. 2000-046CON2
PATENT**TOTAL AMOUNT OF PAYMENT: \$ 975.00****METHOD OF PAYMENT**

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0496

Deposit Account Name: Symyx Technologies, Inc.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set it 37 CFR 1.18 at the Mailing of the Notice of Allowance**FEE CALCULATION****1.EXTRA CLAIM FEES**

	Extra Claims			Fee from below			Fee Paid
Total Claims	76	-37**	=	39	X	25	= 975.00
Independent Claims	6	-9**	=		X		=
Multiple Dependent Claims (first appearance) \$360/180							

**or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	**Reissue independent claims over original patent
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent
				SUBTOTAL (2) (\$)
				975.00

Docket No. 2000-046CON2
PATENT

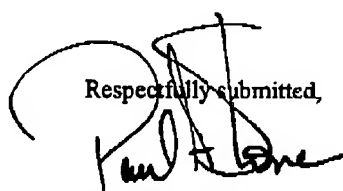
2. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1,100	2503	550	Plant issue fee	
1462	400	1462	400	Petitions to the Director not specifically provided for (Group I)	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) Publication Fee					
SUBTOTAL (3)					(\$ 975.00

*Reduced by Basic Filing Fee Paid

Date: Dec 22.04

Respectfully submitted,


 Paul A. Stone
 Reg. No. 38,628
 Attorney for Applicant(s)

 Symyx Technologies
 3100 Central Expressway
 Santa Clara, California 95051
 Tel.: (408) 773-4027; Fax: (408) 773-4029

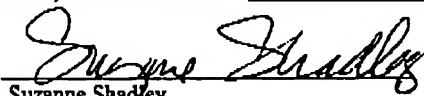
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BY:


Suzanne Shadley**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	Willson	Confirmation No.:	5096
Serial No.:	10/029,891	Group Art Unit:	1743
Filed:	12/21/01	Examiner:	Soderquist, A.
For:	Process For Testing Catalysts Using Thermography		

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SUBTOTAL (3)					(\$ 975.00)

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Date: Dec 22, 04

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Respectfully submitted,


 Paul A. Stone
 Reg. No. 38,628
 Attorney for Applicant(s)

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on Dec 22, 2004BY: Suzanne Shadley
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Willson

Serial No.: 10/029,891

Filed: 12/21/01

For: Process For Testing Catalysts
Using Thermography

Confirmation No.: 5096

Group Art Unit: 1743

Examiner: Soderquist, A.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT E

Sir:

This Amendment E is submitted in response to the final Office action dated September 22, 2004 on or before the 3-month response date of December 22, 2004. Applicants respectfully request reconsideration of the above-referenced patent application in view of the following amendments and remarks.

Please amend the above-identified application as follows. Amendments to the claims are requested as set forth below in the section entitled "Amendments to the Claims". Remarks relating to such amendments and responsive to the aforementioned Office action follow thereafter in the section entitled "Remarks".